

(e.g. HIV, hepatitis A, B or C), fungal or protozoan pathogens. This sequence represents a staphylococcal protein relating to the method for identifying and producing pathogen specific antigens of the invention

Query Match 99.8%; Score 2295; DB 6; Length 645;
Best Local Similarity 100.0%; Pred. NO. 6.4e-142;
Matches 445; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2	QY	2	AEVTGTTNTEAQP	KTTEA	VASPTTSSKAPETKPVANASVSNKEVEAPTSEKAEKVKE	61
42	DB	42	AEVTGTTNTEAQP	KTTEA	VASPTTSSKAPETKPVANASVSNKEVEAPTSEKAEKVKE	101
62	QY	62	VKAPKETEVKPA	KATNTYPI	LNQELREAIKPNPAIKDHSAPNSRPIDFEMKKDGT	121
102	DB	102	VKAPKETEVKPA	KATNTYPI	LNQELREAIKPNPAIKDHSAPNSRPIDFEMKKDGT	161
122	QY	122	QOFTHYASV	IPARVIF	TDSPFEIBLGQSGQWRKPEVYEGKKLPKLVSDTYKDYA	181
162	DB	162	QOFTHYASV	IPARVIF	TDSPFEIBLGQSGQWRKPEVYEGKKLPKLVSDTYKDYA	221
182	QY	182	YIRPSVSGT	KAVKTVSS	THFNNEZEKDYDTLMBPAQPIYNSADKPKTSEDYKAEKLLAP	241
222	DB	222	YIRPSVSGT	KAVKTVSS	THFNNEZEKDYDTLMBPAQPIYNSADKPKTSEDYKAEKLLAP	281
242	QY	242	YKKAATLRO	VOVELNKI	QDKPEKKAEBYKCKLEDTKKGALDEQVKSAITSEFQNVQPTNEK	301
282	DB	282	YKKAATLRO	VOVELNKI	QDKPEKKAEBYKCKLEDTKKGALDEQVKSAITSEFQNVQPTNEK	341
302	QY	302	MTDLOPTK	YVYVES	VENNESMDTVPKHFKTGMNGKMYMNETTDDYKWDPMVEGQR	361
342	DB	342	MTDLOPTK	YVYVES	VENNESMDTVPKHFKTGMNGKMYMNETTDDYKWDPMVEGQR	401
362	QY	362	VRTISKDA	KXNTFTI	IFPVVEGKTLKYDAIKVHVHTIDYLGQVHVIVDKAEATKANTDK	421
402	DB	402	VRTISKDA	KXNTFTI	IFPVVEGKTLKYDAIKVHVHTIDYLGQVHVIVDKAEATKANTDK	461
422	QY	422	SNKKEQ	QDNSAK	KEATPATPSKPT	446
462	DB	462	SNKKEQ	QDNSAK	KEATPATPSKPT	486

4200 W

RESULT 3
ABJ19106
ID ABJ19106 standard; protein; 645 AA.

ABJ19105;

06-MAR-2003 (first entry)

pathogen specific antigen related staphylococcal protein SEQ ID No 414.

Antibacterial; virucide; fungicide; protozoacide; cytostatic; anti-HIV; hyperimmune; serum-reactive; antigen; pathogen; tumour; allergen; auto-immunity; vaccine; straphylococcal infection; antibody; cancer; autoimmune disease; HIV; hepatitis.

Staphylococcus sp.

WO200259148-A2.

01-AUG-2002.

21-JAN-2002: 2002WO-BE0000546-

26-JAN-2001; 2001AT-00000130.

(CIST-) CISTEM BIOTECHNOLOGIES SBAH.

Meinke A, Nagy E, Von Ahsen U, Klade C, Henies T, Zauner W;
 PI Minh DB, Vycvrytska O, Etz H, Dryla A, Weichhart T, Hafner M;
 PI Tempelmaier B;

WFI; 2003-075410/07.

Identifying, isolating and producing hyperimmune serum-reactive antigens from a pathogen, for preparing vaccine or medicament for treating or preventing e.g. staphylococcal infections, comprises providing antibody preparation.

Example 7: page 220: English:

The invention relates to a novel method for identifying, isolating and producing hyperimmune serum-reactive antigens from a pathogen, tumour, allergen, a tissue or host prone to auto-immunity, where the antigens are used in a vaccine, comprises providing antibody preparation from a plasma pool of a type of animal, or individual sera with antibodies against the specific pathogen, tumour, allergen, tissue or host prone to auto-immunity. The hyperimmune serum-reactive antigens comprising any of the 62 sequences of 53-2261 amino acids fully defined in the specification, or their hyperimmune fragments are useful for the manufacture of a pharmaceutical preparation, particularly a vaccine against staphylococcal infections or colonisation against *S. aureus* or *S. epidermidis*. The preparation of antibodies is useful for the manufacture of a medicament for treating or preventing staphylococcal infections or colonisation against *S. aureus* or *S. epidermidis*. The antibody preparations may also be used for diagnostic and imaging purposes. Other conditions that can be treated include cancer, autoimmune diseases or infections caused by viral